

水壓試驗表		外徑 (O.D)	厚度 (W.T)	Sch No.	水壓試驗 Test Pressure	
DN	NPS	in [mm]	in [mm]	Weight Class	Grade A	Grade B
					psi [kg/cm ²]	psi [kg/cm ²]
50	2	2.375 [60.3]	0.154 [3.91]	40(STD)	2300 [162]	2500 [175]
			0.218 [5.54]	80(XS)	2500 [175]	2500 [175]
			0.344 [8.74]	160	2500 [175]	2500 [175]
65	2-1/2	2875 [73.0]	0.203 [5.16]	40(STD)	2500 [175]	2500 [175]
			0.276 [7.67]	80(XS)	2500 [175]	2500 [175]
			0.375 [9.52]	160	2500 [175]	2500 [175]
80	3	3.5 [88.9]	0.216 [5.49]	40(STD)	2220 [156]	2500 [175]
			0.300 [7.62]	80(XS)	2500 [175]	2500 [175]
			0.438 [11.13]	160	2500 [175]	2500 [175]
90	3-1/2	4.000[101.6]	0.226 [5.74]	40(STD)	2030 [142]	2370 [166]
			0.318 [8.08]	80(XS)	2800 [197]	2800 [197]
100	4	4.500 [114.3]	0.237 [6.02]	40 (STD)	1900 [133]	2210 [154]
			0.337 [8.56]	80 (XS)	2700 [189]	2800 [196]
			0.531 [13.49]	160	2800 [196]	2800 [196]
125	5	5.563 [141.3]	0.258 [6.55]	40 (STD)	1670 [117]	1950 [136]
			0.375 [9.52]	80 (STD)	2430 [171]	2800 [196]
			0.625 [15.88]	160	2800 [196]	2800 [196]
150	6	6.625 [168.3]	0.280 [7.11]	40 (STD)	1520 [106]	1780 [125]
			0.432 [10.97]	80 (XS)	2350 [165]	2740 [192]
			0.719 [18.26]	160	2800 [196]	2800 [196]
200	8	8.625 [219.1]	0.277 [7.04]	30	1160 [79]	1350 [94]
			0.322 [8.18]	40 (STD)	1340 [93]	1570 [110]
			0.500 [12.70]	80 (XS)	2090 [146]	2430 [171]
			0.906 [23.01]	160	2800 [196]	2800 [196]
250	10	10.750 [273.0]	0.307 [7.80]	30	1030 [72]	1200 [84]
			0.365 [9.27]	40 (STD)	1220 [85]	1430 [100]
			0.500 [12.70]	60 (XS)	1670 [117]	1950 [136]
			0.594 [15.09]	80	1990 [139]	2320 [163]
			1.125 [28.57]	160	2800 [196]	2800 [196]
300	12	12.750 [323.8]	0.250 [6.35]	20	710 [49]	820 [58]
			0.330 [3.38]	30	930 [65]	1090 [76]
			0.375 [9.52]	STD	1060 [74]	1240 [86]
			0.406 [10.31]	40	1150 [80]	1340 [93]
			0.500 [12.70]	XS	1410 [98]	1650 [116]
			0.688 [17.48]	80	1940 [136]	2270 [159]
			1.312 [33.32]	160	2800 [196]	2800 [196]

ASTM A53 Grade A & Grade B 尺寸		外徑 (O.D)	厚度 (W.T)	Sch No.	水壓試驗 Test Pressure	
DN	NPS	in [mm]	in [mm]	Weight Class	Grade A psi [kg/cm ²]	Grade B psi [kg/cm ²]
350	14	14.000 [355.6]	0.375 [9.52]	30 (STD)	960 [67]	1120 [78]
			0.438 [11.13]	40	1130 [79]	1310 [91]
			0.500 [12.70]	XS	1290 [90]	1500 [104]
			0.750 [19.05]	80	1930 [135]	2250 [157]
			1.406 [35.71]	160	2800 [196]	2800 [196]
400	16	16.000 [406.4]	0.375 [9.52]	30 (STD)	840 [59]	980 [69]
			0.500 [12.70]	40 (XS)	1120 [78]	1310 [91]
			0.844 [21.44]	80	1900 [133]	2220 [155]
			1.594 [40.49]	160	2800 [196]	2800 [196]
450	18	18.000 [457]	0.375 [9.52]	STD	750 [52]	880 [62]
			0.438 [11.13]	30	880 [62]	1020 [71]
			0.500 [12.70]	XS	1000 [70]	1170 [82]
			0.562 [14.27]	40	1120 [78]	1310 [91]
			0.938 [23.83]	80	1880 [132]	2190 [153]
			1.781 [45.24]	160	2800 [196]	2800 [196]
500	20	20.000 [508]	0.375 [9.52]	20 (STD)	680 [47]	790 [55]
			0.500 [12.70]	30 (XS)	900 [63]	1050 [73]
			0.594 [15.09]	40	1170 [82]	1250 [87]
			1.031 [26.19]	80	1860 [130]	2170 [152]
			1.969 [50.01]	160	2800 [196]	2800 [196]
600	24	24.000 [610]	0.375 [9.52]	20 (STD)	560 [39]	660 [45]
			0.500 [12.70]	XS	750 [52]	880 [62]
			0.688 [17.48]	40	1030 [72]	1200 [84]
			1.219 [30.96]	80	1830 [128]	2130 [149]
650	26	26.000 [660]	0.375 [9.52]	STD	520 [36]	610 [42]
			0.500 [12.70]	20 (XS)	690 [49]	810 [57]